



X Series

Model	X5	X6	X8	X9
Picture				
Display				
Active Screen Size	55"	65"	75"	86"
Backlight	LED	LED	LED	LED
Display Area (in)	47.6 x 26.8	56.2 x 31.7	65 x 36.5	74.6 x 42
Display Ratio	16:9	16:9	16:9	16:9
Resolution	1920 x 1080 (HD)	3840 x 2160 (4K)	3840 x 2160 (4K)	3840 x 2160 (4K)
Colors	1.07Billion (8bit+FRC)	1.07Billion (10bit+FRC)	1.07Billion (10bit+FRC)	1.07Billion (10bit+FRC)
Brightness	370 cd/m ²	370 cd/m ²	370 cd/m ²	370 cd/m ²
Dynamic Contrast	4000:1	4000:1	4000:1	4000:1
Response Time	6ms	8ms	8ms	8ms
Viewing Angle	178°	178°	178°	178°
Lifetime Hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours
Power				
Working Voltage	AC 100-240 V, 50/60 Hz			
Max Power Consumption	≤180W	≤20W	≤300W	≤450W
Eco Power Consumption	250W	250W	250W	300W
Standby Power Consumption	<0.5W	<0.5W	<0.5W	<0.5W
Touch				
Touch Surface Material	Anti-glare tempered glass	Anti-glare tempered glass	Anti-glare tempered glass	Anti-glare tempered glass
Touch Surface Technology	InGlass	InGlass	InGlass	InGlass
Transparency	>89%	>88%	>88%	>88%
Haze	2%~5%	2%~5%	2%~5%	2%~5%
Touch Surface Hardness	8H	7H	7H	7H
Touch Sensor	Projective Capacitive	Projective Capacitive	Projective Capacitive	Projective Capacitive
HID Support	Yes	Yes	Yes	Yes
Touch Points	10 Point	20 Point	20 Point	20 Point
Touch Screen Writing Tools	Pen or Finger	Pen or Finger	Pen or Finger	Pen or Finger
Positioning Accuracy	±1	±1.2	±1.2	±1.2
Touch Interface	USB	USB	USB	USB
Speakers				
Position	Forward	Forward	Forward	Forward
Rated Impedance	8Ω	8Ω	8Ω	8Ω
Frequency Response	90 Hz (±20%) - 18 kHz			
Output S.P.L.	82 ± 3 dB	84 ± 3 dB	84 ± 3 dB	84 ± 3 dB
Max Power Output	(2) 15W	(2) 15W	(2) 15W	(2) 15W
Microphones				
Sensitivity	-28dB ± 3dB	-28dB ± 3dB	-28dB ± 3dB	-28dB ± 3dB
Frequency Response	100Hz - 7.75kHz	100Hz - 7.75kHz	100Hz - 7.75kHz	100Hz - 7.75kHz
Polar Patterns	Omnidirectional	Omnidirectional	Omnidirectional	Omnidirectional
Total Harmonic Distortion (THD)	<1% at 6dB SPL			
Pickup Range	26.2 ft	26.2 ft	26.2 ft	26.2 ft
Quantity	1 Array (4 Microphones)			
Camera				
Position	1 Top, 1 Bottom			
Sensor	2M Pixels	2M Pixels	2M Pixels	2M Pixels
Lens	86°	86°	86°	86°
Video Resolution	1920 x 1080@30 fps (max)			
Frame Rate	30 fps/60 fps	30 fps/60 fps	30 fps/60 fps	30 fps/60 fps
Transportation/Storage				
Storage Temperature	14°F~113°F	14°F~113°F	14°F~113°F	14°F~113°F
Working Temperature	32°F~104°F	32°F~104°F	32°F~104°F	32°F~104°F
Storage Humidity	20~90%RH (non-condensing)	20~90%RH (non-condensing)	20~90%RH (non-condensing)	20~90%RH (non-condensing)

Working Humidity	20~80%RH (non-condensing)	20~80%RH (non-condensing)	20~80%RH (non-condensing)	20~80%RH (non-condensing)
Installation Method	Wall-mounted or Mobile Stand			
VESA Mount Pattern	400x400mm	600x400mm	800x400mm	800x400mm
Outline Dimensions (in)	52 x 34.9 x 3.4	61.7 x 41.1 x 3.5	70.6 x 46.1 x 4	80.3 x 51.8 x 4
Packing Dimensions (in)	57.9 x 39.2 x 10.4	67.7 x 46.1 x 10.8	75.5 x 51 x 10.8	84.7 x 55.1 x 12.2
Net Weight (lbs)	82	109	126	156
Gross Weight (lbs)	100	129	162	200

Embedded Operating System

Chipset	ARM Cortex A9 Quad Core 1.5GHz			
CPU	ARM Cortex A53 4*core 1.4GHz			
GPU	ARM Mali450 6*core 600MHz			
RAM	2 GB	2 GB	2 GB	2 GB
ROM	8 GB	8 GB	8 GB	8 GB
External Memory	None	None	None	None
OS Version	Android 4.3	Android 5.0.1	Android 5.0.1	Android 5.0.1

Supported File Formats
Image: JPEG, BMP, PNG; Video: MPEG2, MPEG4, H264, HEVC(H.265); Audio: WMA, MP3, M4A, (AAC)

Standard Included OPS (Upgrades Possible)

CPU	i7-4610M	2.40GHz i7-6200U	2.40GHz i7-6200U	2.40GHz i7-6200U
GPU	Intel HD Graphics 4600	Intel HD Graphics 520	Intel HD Graphics 520	Intel HD Graphics 520
RAM	8 GB DDR3 1600 MHz			
Hard Drive	128GB SSD	256GB SSD	256GB SSD	256GB SSD
USB 2.0	4	2	2	2
USB 3.0	2	2	2	2
LAN	1	1	1	1
HDMI	1	1	1	1
Microphone In	1	1	1	1
Line Out	1	1	1	1
Built-in WiFi	802.11b/g/n	802.11b/g/n/ac	802.11b/g/n/ac	802.11b/g/n/ac
Operating System	Win10 x 64 (other OS optional)			

I/O Ports

OPS Slot	YES 4K@60Hz / OPS included with each panel
Input Ports	(2) HDMI 2.0 4K@60Hz; (2) HDMI 1.4 4K@30Hz (1) DisplayPort; (5) USB Touch; (1) USB 3.0; (4) USB 2.0; (1) Microphone
Output Ports	(1) HDMI out 4K@60fps; (1) Line out; (1) SPDIF out; (1) Power DC 5V-2A Out
Other Ports	(1) RS232; (2) RJ45